

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A cooling system for an electronic equipment having a heat generating portion, said cooling system comprising:

a heat radiating portion;

a pump that circulates a liquid cooling medium between the heat generating portion and the heat radiating portion, said liquid cooling medium having a viscosity that decreases as a temperature thereof increases;

a fan that discharges heat of the heat radiating portion to an outside,

a temperature sensor that detects temperature of the heat generating portion,

means for storing predetermined storage information that prescribes a relationship between temperature of the heat generating portion and driving voltages of the pump and the fan, and

a control device for determining and controlling configured to determine and control voltages of the pump and the fan on the basis of temperature detected by the temperature sensor and the storage information, wherein

said storage information regulates the driving voltages of the pump and the fan so as to make the driving voltage of the pump high and increase a cooling capacity when the temperature of the heat generating portion increases, and further to make the driving voltage of the fan high and increase a cooling capacity when the

temperature of the heat generating portion increases to increase an amount of heat generation, and wherein

said control device ~~operates~~ is configured to operate said pump and fan at a predetermined voltage when ~~a load on said electronic equipment is small~~ the temperature detected by said temperature sensor does not exceed a first temperature, and further

said control device, using said storage information, ~~maintains~~ is configured to maintain the driving voltage of the fan unchanged and ~~increases to increase~~ the driving voltage of the pump to increase a flow rate of said liquid cooling medium and to increase a cooling capacity of the cooling system when the temperature detected by said temperature sensor exceeds a said first temperature, and

~~increases to increase~~ the driving voltage of the fan to further increase a flow rate of the fan and to further increase the cooling capacity of the cooling system when the temperature detected by the temperature sensor exceeds a second temperature higher than said first temperature.

2. (Canceled)

3. (Currently Amended) A cooling system for an electronic equipment according to claim 1, wherein the second temperature is a critical temperature achieved by the cooling capacity with only the pump.

4. (Previously Presented) A cooling system for an electronic equipment according to claim 1, wherein when temperature of the heat generating portion cannot be detected by the temperature sensor, control is performed by determining voltages identical to voltages

Serial No. 10/796,049
Amendment dated July 23, 2008
Responsive to Office Action dated January 23, 2008

ASA-1172

of the pump and the fan when temperature of the heat generating portion is highest.

5. (Canceled)